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NEWS	2	OCT 04	Precision of EMBASE searching enhanced with new chemical name field
NEWS	3	OCT 06	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/CAPLUS.
NEWS	4	OCT 21	CA/CAPLUS kind code changes for Chinese patents increase consistency, save time
NEWS	5	OCT 22	New version of STN Viewer preserves custom highlighting of terms when patent documents are saved in .rtf format
NEWS	6	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
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NEWS	12	DEC 14	New PNK Field Allows More Precise Crossover among STN Patent Databases
NEWS	13	DEC 18	ReaxysFile available on STN
NEWS	14	DEC 21	CAS Learning Solutions -- a new online training experience
NEWS	15	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAPLUS
NEWS	16	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.			
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***** STN Columbus *****

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.23

0.23

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

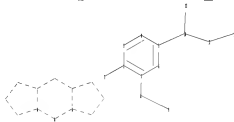
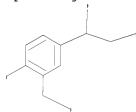
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<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\10551475_01252011_1.str



chain nodes :

7 8 9 10 11 12 13

ring nodes :

1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25

chain bonds :

1-8 2-7 5-10 8-9 10-11 10-12 12-13

ring bonds :

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18-19 18-20 19-22 20-21 21-22 23-24 24-25
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exact bonds :
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normalized bonds :
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Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

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SEARCH TIME: 00.00.01

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 FILE LAST UPDATED: 24 Jan 2011 (20110124/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> sel rn
E1 THROUGH E28 ASSIGNED
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	ENTRY	SESSION
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FILE 'REGISTRY' ENTERED AT 14:02:00 ON 25 JAN 2011

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<http://www.cas.org/support/stngen/stdoc/properties.html>

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SINCE FILE	TOTAL
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FILE 'CAPLUS' ENTERED AT 14:02:07 ON 25 JAN 2011
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CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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L3 0 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:01:45 ON 25 JAN 2011
E US20060211045/PN

L4 1 S E3
SEL RN

FILE 'REGISTRY' ENTERED AT 14:02:00 ON 25 JAN 2011
28 S E1-E28

L5

FILE 'CAPLUS' ENTERED AT 14:02:07 ON 25 JAN 2011

=> s 14 and 15

23883 L5

L6 1 L4 AND L5

=> d 16 ibib gi abs hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2004:847667 CAPLUS

DOCUMENT NUMBER: 141:350363

TITLE: Preparation of fluorescently tagged nucleoside ligands
as adenosine A1 receptors

INVENTOR(S): George, Michael; Hill, Stephen John; Kellam, Barrie;
Middleton, Richard John

PATENT ASSIGNEE(S): University of Nottingham, UK

SOURCE: PCI Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

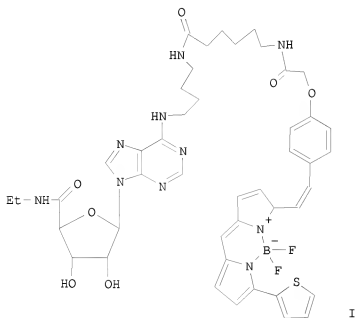
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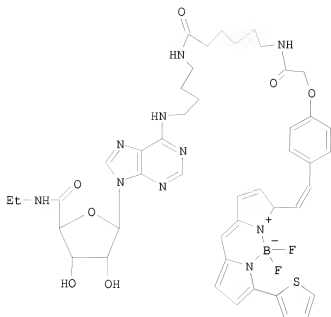
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PRIORITY APPLN. INFO.:			GB 2003-7559	A 20030402
			US 2003-465807P	P 20030428
			WO 2004-GB1418	W 20040331

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 141:350363
 GI



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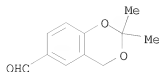
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AB Library comprising a plurality of tagged non-peptide nucleoside ligands (LigJL)mL(JTTag)m(JTL(JLLig)m)p including and salts were prepared, thereof comprising one or a plurality of same or different ligand moieties Lig each linked to a one or a plurality of same or different tag moieties Tag via same or different linker moieties L and same or different linking site or linking functionality JT and JL wherein Lig comprises a GPCR ligand, an inhibitor of an intracellular enzyme or a substrate or inhibitor of a drug transporter, L is a single bond or heteroatom N, O, S, P, branched or straight chain saturated or unsatd., C1-600 hydrocarbyl; Tag is tagging substrate; m is 1 to 3; p is 0 to 3. G-protein coupled receptor (GPCR) ligand is selected from any compound which is effective as an agonist or antagonist for an adenosine receptor, β adrenoceptor, muscarinic receptor, histamine receptor, an opiate receptor, cannabinoid receptor, chemokine receptor, α adrenoceptor, GABA receptor, prostanoid receptor, 5-HT (serotonin) receptor, an excitatory amino acid receptor (e.g. glutamate), dopamine receptor, protease-activating receptor, neurokinin receptor, angiotensin receptor, oxytocin receptor, leukotriene receptor, nucleotide receptor (purines and pyrimidines), calcium-sensing receptor, TSH receptor, neurotensin receptor, vasopressin receptor, olfactory receptor, nucleobase receptor (e.g. adenosine), lysophosphatidic acid receptor, sphingolipid receptor, tyramine receptor (trace amines), free-fatty acid receptor and cyclic nucleotide receptor; an inhibitor of intracellular enzymes is an inhibitor of cyclic nucleotide phosphodiesterases; and substrate or inhibitor of drug transporter is selected from substrate or inhibitor of an equilibrium based drug transporters or ATP driven pumps such as catecholamine transporter, nucleoside transporter, an AT P-binding cassette transporter, cyclic nucleotide transporter or derivs. or analogs thereof. Thus, I was prepared as adenosine A1 receptor.

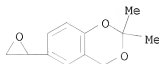
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 RL: PRPH (Prophetic)
 (Preparation of fluorescently tagged nucleoside ligands as adenosine A1 receptors)

RN 54030-33-0 CAPLUS

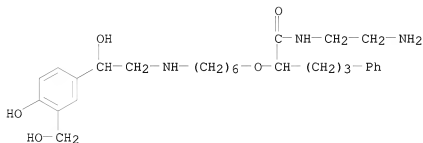
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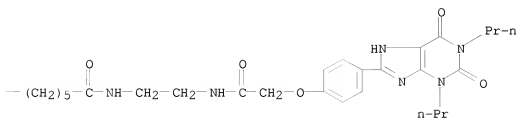
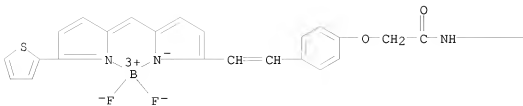
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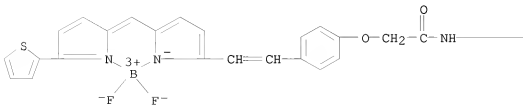


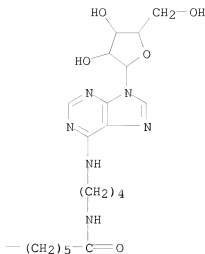
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RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN
(Synthetic preparation); THU (Therapeutic use); BIOL (Biological study);
PREP (Preparation); USES (Uses)
(preparation of fluorescently tagged nucleoside ligands as adenosine
receptors)
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INDEX NAME)



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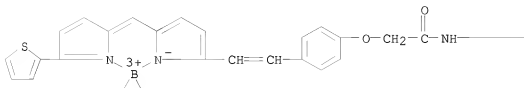
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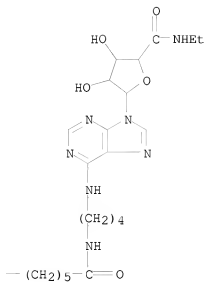


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PAGE 1-B

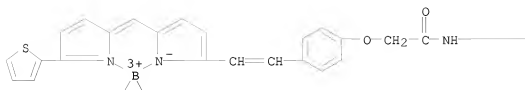


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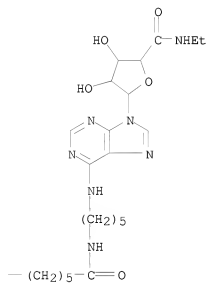


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PAGE 1-A



PAGE 1-B



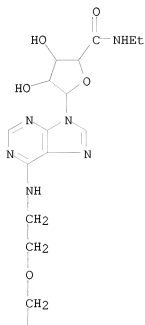
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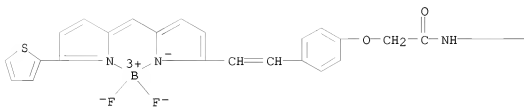
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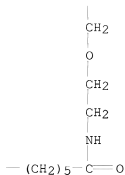
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PAGE 1-B



PAGE 2-A





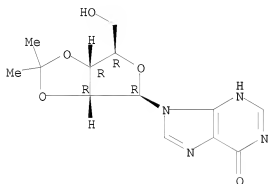
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 28440-13-3P 60687-66-3P 103201-21-4P
 773072-10-9P 773072-11-0P 773072-12-1P
 773072-13-2P 773072-14-3P 773072-15-4P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of fluorescently tagged nucleoside ligands as adenosine receptors)

RN 2140-11-6 CAPLUS

CN Inosine, 2',3'-O-(1-methylethylidene)- (CA INDEX NAME)

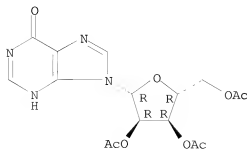
Absolute stereochemistry. Rotation (-).



RN 3181-38-2 CAPLUS

CN Inosine, 2',3',5'-triacetate (CA INDEX NAME)

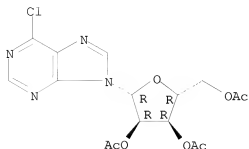
Absolute stereochemistry. Rotation (-).



RN 5987-73-5 CAPLUS

CN 9H-Purine, 6-chloro-9-(2,3,5-tri-O-acetyl- β -D-ribofuranosyl)- (CA INDEX NAME)

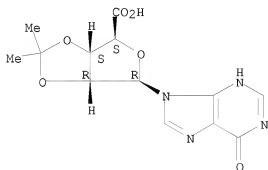
Absolute stereochemistry. Rotation (-).



RN 28440-13-3 CAPLUS

CN β -D-Ribofuranuronic acid, 1-deoxy-1-(1,6-dihydro-6-oxo-9H-purin-9-yl)-2,3-O-(1-methylethylidene)- (CA INDEX NAME)

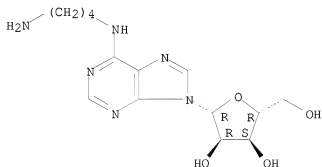
Absolute stereochemistry. Rotation (-).



RN 60687-66-3 CAPLUS

CN Adenosine, N-(4-aminobutyl)- (CA INDEX NAME)

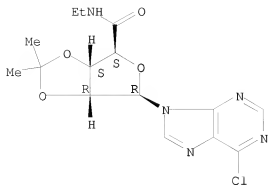
Absolute stereochemistry.



RN 103201-21-4 CAPLUS

CN β -D-Ribofuranuronamide, 1-(6-chloro-9H-purin-9-yl)-1-deoxy-N-ethyl-2,3-O-(1-methylethylidene)- (CA INDEX NAME)

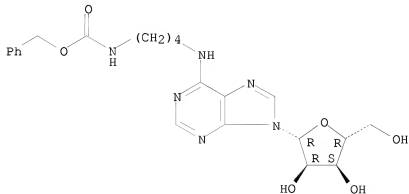
Absolute stereochemistry. Rotation (-).



RN 773072-10-9 CAPLUS

CN Carbamic acid, [4-[(9-β-D-ribofuranosyl-9H-purin-6-yl)amino]butyl]-, phenylmethyl ester (CA INDEX NAME)

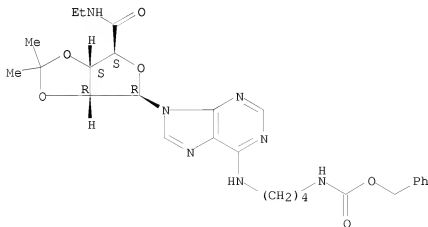
Absolute stereochemistry. Rotation (-).



RN 773072-11-0 CAPLUS

CN Carbamic acid, [4-[[9-[N-ethyl-2,3-O-(1-methylethylidene)-β-D-ribofuranuronamidosyl]-9H-purin-6-yl]amino]butyl]-, phenylmethyl ester (CA INDEX NAME)

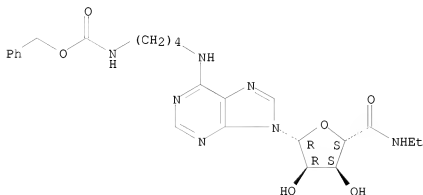
Absolute stereochemistry.



RN 773072-12-1 CAPLUS

CN Carbamic acid, [4-[[9-(N-ethyl-β-D-ribofuranuronamidosyl)-9H-purin-6-yl]amino]butyl]-, phenylmethyl ester (CA INDEX NAME)

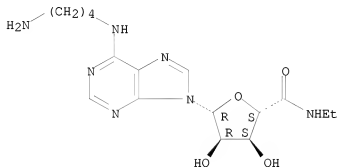
Absolute stereochemistry.



RN 773072-13-2 CAPLUS

CN β-D-Ribofuranuronamide, 1-[6-[(4-aminobutyl)amino]-9H-purin-9-yl]-1-deoxy-N-ethyl- (CA INDEX NAME)

Absolute stereochemistry.

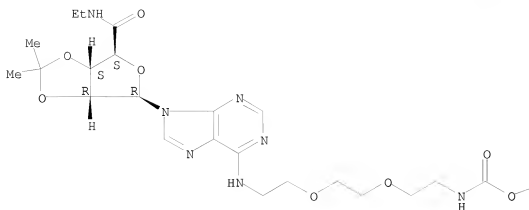


RN 773072-14-3 CAPLUS

CN Carbamic acid, [2-[2-[2-[[9-[N-ethyl-2,3-O-(1-methylethylidene)-β-D-ribofuranuronamidosyl]-9H-purin-6-yl]amino]ethoxy]ethoxy]ethyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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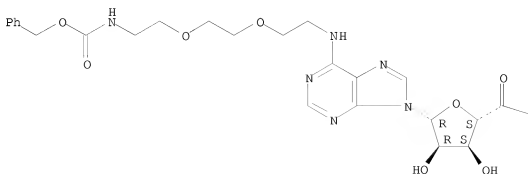


RN 773072-15-4 CAPLUS

CN Carbamic acid, [2-[2-[2-[[9-(N-ethyl-β-D-ribofuranuronamidosyl)-9H-purin-6-yl]amino]ethoxy]ethoxy]ethyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

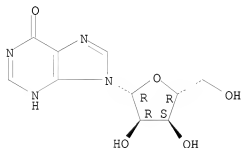
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NH₂t

IT 58-63-9, Inosine 77-76-9, 2,2-Dimethoxypropane
 62146-62-7 96865-92-8 169744-02-9
 380367-48-6
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of fluorescently tagged nucleoside ligands as adenosine
 receptors)
 RN 58-63-9 CAPLUS
 CN Inosine (CA INDEX NAME)

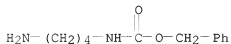
Absolute stereochemistry.



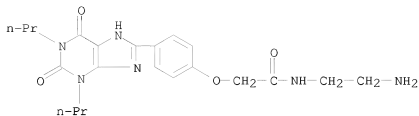
RN 77-76-9 CAPLUS
 CN Propane, 2,2-dimethoxy- (CA INDEX NAME)



RN 62146-62-7 CAPLUS
 CN Carbamic acid, N-(4-aminobutyl)-, phenylmethyl ester (CA INDEX NAME)

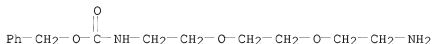


RN 96865-92-8 CAPLUS
 CN Acetamide, N-(2-aminoethyl)-2-[4-(2,3,6,7-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl)phenoxy]- (CA INDEX NAME)



RN 169744-02-9 CAPLUS

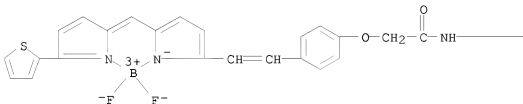
CN Carbamic acid, N-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-, phenylmethyl ester
(CA INDEX NAME)



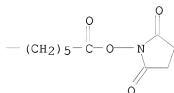
RN 380367-48-6 CAPLUS

CN Boron, [2,5-dioxo-1-pyrrolidinyl 6-[[2-[4-[2-[5-[[5-(2-thienyl)-2H-pyrrol-2-ylidene-κN]methyl]-1H-pyrrol-2-yl-κN]ethenyl]phenoxy]acetyl]amino]hexanoato]difluoro-, (T-4)-
(CA INDEX NAME)

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IT 121-69-7, N,N-Dimethylaniline, reactions 3240-34-4,
Iodosobenzene diacetate

RL: RGT (Reagent); RACT (Reactant or reagent)

(preparation of fluorescently tagged nucleoside ligands as adenosine
receptors)

RN 121-69-7 CAPLUS

CN Benzenamine, N,N-dimethyl- (CA INDEX NAME)



RN 3240-34-4 CAPLUS
CN Iodine, bis(acetato-κO)phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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-6/BI OR 54030-33-0/BI OR 54208-71-8/BI OR 58-63-9/BI OR
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.87	-0.87

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:07:41 ON 25 JAN 2011